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In re Application of

Davis

Application Number

09 2011 09 / 264 246

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3-8-99

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United States Patent Application Publication No. \_\_\_\_\_, page, \_\_\_\_\_ line \_\_\_\_\_

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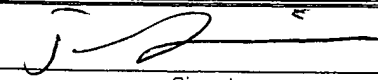
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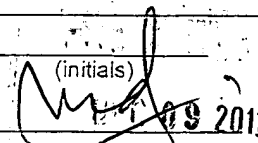
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US006564600B1

(12) **United States Patent**  
**Davis**

(10) **Patent No.:** **US 6,564,600 B1**  
(45) **Date of Patent:** **May 20, 2003**

(54) **ELECTRONIC ACCESS CONTROL DEVICE**

(75) **Inventor:** **Paul R. Davis, Corvallis, OR (US)**

(73) **Assignee:** **Videx, Inc., Corvallis, OR (US)**

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** **09/499,556**

(22) **Filed:** **Feb. 7, 2000**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/264,246, filed on Mar. 8, 1999, now abandoned.

(51) **Int. Cl.** **E05B 47/06**

(52) **U.S. Cl.** **70/277; 70/278.2; 70/278.7; 70/283**

(58) **Field of Search** **70/277, 432, 278.1, 70/278.2, 278.3, 283, 283.1, 279.1, 278.7**

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(57) **ABSTRACT**

An electronic access control device has a movable locking member. A locking mechanism is operable to control the locking member. A movement detector generates a first condition in response to movement of the locking member. A key detector generates a second condition in response to detecting a key. The locking mechanism increases resistance to movement of the locking member in response to the first condition, and decreases resistance to movement of the locking mechanism in response to the second condition.

**16 Claims, 16 Drawing Sheets**

